

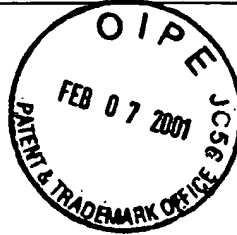
CERTIFICATE UNDER 37 C.F.R. §3.73(b)

Applicants: DANIEL ESBENSEN

Serial No.: Not Yet Assigned

Filed: Herewith

For: METHOD AND APPARATUS FOR SURVEILLANCE USING AN IMAGE SERVER



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TOUCH TECHNOLOGIES, INC., a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. A copy of the assignment is attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: JAN 11, 2000

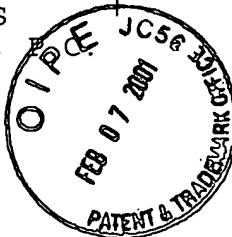
Signature: [Signature]
Name: Daniel Esbensen
Title: President



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

APRIL 10, 2000

PTAS
MAJESTIC, PARSONS, SIEBERT & HSUE, P
GERALD P. PARSONS
4 EMBARCADERO CENTER, SUITE 1100
SAN FRANCISCO, CA 94111-4106



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/12/2000

REEL/FRAME: 010515/0286
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ESBENSEN, DANIEL

DOC DATE: 01/12/2000

ASSIGNEE:

TOUCH TECHNOLOGIES, INC.
9988 HIBERT STREET, SUITE 310
SAN DIEGO, CALIFORNIA 92131

SERIAL NUMBER: 09482181

FILING DATE: 01/12/2000

PATENT NUMBER:

ISSUE DATE:

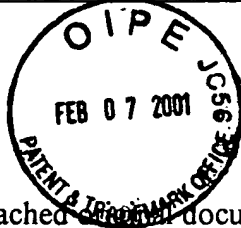
PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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Hon. Commissioner of Patents and Trademarks
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02-03-2000
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RECORDATION FORM COVER SHEET -- PATENT

(Form PTO-1595)



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jc542 U.S. PTO
09/482181
01/12/00

Sir:

Please record the attached ~~original~~ documents or copy thereof:

1. The name of the conveying party is DANIEL ESBENSEN.
2. The name of the party receiving the interest is Touch Technologies, Inc., a corporation of the State of California, having a principal place of business at 9988 Hibert Street, Suite 310, San Diego, California 92131.
3. The nature of the attached document is an Assignment, which was executed on January 12, 2000.
4. In connection with:

The patent application being filed herewith, METHOD AND APPARATUS FOR SURVEILLANCE USING AN IMAGE SERVER by inventor DANIEL ESBENSEN, with a Declaration attached thereto executed by said inventor on January 12, 2000.

5. The name and address to whom all correspondence concerning this matter should be mailed is:

Gerald P. Parsons, Reg. No. 24,486
MAJESTIC, PARSONS, SIEBERT & HSUE P.C.
4 Embarcadero Center, Suite 1100
San Francisco, California 94111-4106
Telephone: (415) 248-5500
Telefacsimile: (415) 362-5418

6. A total of one application is involved in this request.
7. The fee of \$40.00 is enclosed to cover the costs of recordation.
8. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 13-1030.

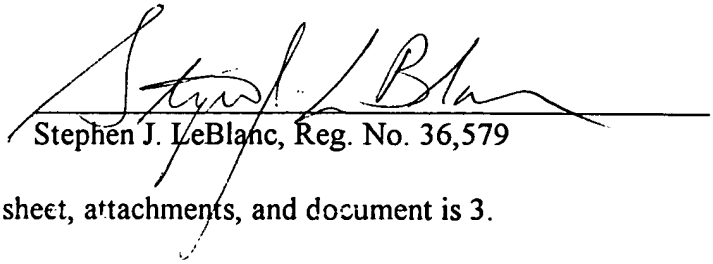
01/28/2000 RESELLING 00000015 09482181
40.00 00
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9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

MAJESTIC, PARSONS, SIEBERT & HSUE P.C.

Dated: January 12, 2000
Atty. Docket: TOUC.022US2



Stephen J. LeBlanc, Reg. No. 36,579

The total number of pages including cover sheet, attachments, and document is 3.

COPY

ASSIGNMENT

WHEREAS, DANIEL ESBENSEN, a resident of Kihei, Hawaii, hereinafter referred to as "Assignor," has invented certain new and useful improvements as described and set forth in an application for Letters Patent of the United States entitled "METHOD AND APPARATUS FOR SURVEILLANCE USING AN IMAGE SERVER" with a Declaration attached thereto that was executed by Assignor on the 12 day of January, 2000.

WHEREAS, TOUCH TECHNOLOGIES, INC., a Corporation of the State of California, having a place of business at 9988 Hibert Street, Suite 310, San Diego, California 92131, hereinafter referred to as "Assignee," desires to acquire the entire right, title and interest in and to said application, said invention, said improvements, and all Letters Patent which may be granted thereon in the United States or any foreign country;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged by Assignor,

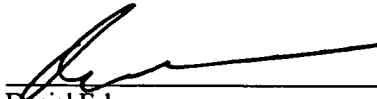
1. Assignor hereby sells, assigns, transfers and conveys to Assignee the entire worldwide right, title and interest in and to said application, said invention and said improvements, and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign country, including any divisions, substitutions, continuations in whole or in part, conversions, reissues, additions or extensions thereof, said interest to be held and enjoyed by Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made.

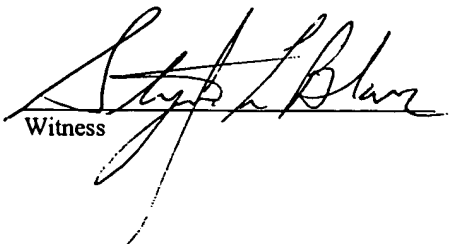
2. Assignor hereby warrants, covenants and represents that he has not heretofore granted any license, right or privilege with respect to said application, invention or improvements, or in any other way encumbered the same, and that he has the full right to make this Assignment.

3. Assignor further agrees that at the request and expense of Assignee, but without charge to said Assignee, he will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications or said Letters Patent, in said Assignee, and will execute all oaths and other papers, within the truth, that are necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said invention or improvements which are deemed necessary or desirable by Assignee, for reissuance or reexamination of said Letters Patent, or for the filing in foreign countries of applications for Letters Patent covering said invention or improvements.

4. The terms, covenants and provisions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, his heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed and delivered to Assignee this instrument this 12 day of January, 2000.


Daniel Esbensen


Witness

Jan-12-00
Date